Index of Claims

| Application/Control N | 10. |
|-----------------------|-----|
|-----------------------|-----|

10/049,985 Examiner

5

Applicant(s)/Patent under Reexamination

AISA, VALERIO

Art Unit

Julie Lieu

Date

2612

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

(Through numeral)
Cancelled

Restricted

Claim

Non-Elected
I Interference

A Appeal
O Objected

| Cla      | Date  |  |              |  |  |  |  |  |              |                 |
|----------|---|--|--------------|--|--|--|--|--|--------------|-----------------|
| Ciè      | ┝   | _  |              |  | Jan  | _  | _  |  | $\vdash$     |                 |
| Final    | Original  | 8/22/06  | 2/14/07      |  |  |  |  |  |              |                 |
|          | 1   | -  | -            |  |  |  |  | Г  |              |                 |
|          | 2   | 1  | Т            |  |  |  |  |  |              |                 |
|          | 3   | <del>                                     </del> |              | _  |  | _  | $\vdash$   | $\vdash$   | Н            |                 |
|          | 4   |  | _            | _  | <u> </u>   | $\vdash$   | $\vdash$   | _  | г            |                 |
|          | 5   |  |              | $\vdash$   | _  |  | <u> </u>   | $\vdash$   |              |                 |
|          | 6   | -  | ┢            | ┢─   | ┢  | -  | $\vdash$   | ┢┈   | -            |                 |
|          | 7   | Н  | _            | $\vdash$   | $\vdash$   | -  | $\vdash$   | _  | -            |                 |
|          | 8   | _  | -            | _  | _  | $\vdash$   | $\vdash$   | ┢  | $\vdash$     | Н               |
|          | ٩   | -  | _            | ┝  | $\vdash$   | -  |  | <del> </del>                                     | $\vdash$     | $\vdash$        |
|          | 10  | _  | $\vdash$     | ┢  | $\vdash$   |  | -  | ┢  | _            | $\vdash$        |
|          | 11  | _  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | -  | 一  | $\vdash$     | $\dashv$        |
|          | 12  | -  | -            | $\vdash$   | $\vdash$   | $\vdash$   | -  | $\vdash$   | $\vdash$     | $\vdash \vdash$ |
|          | 13  | -  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\dashv$        |
| _        | 14  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash \vdash$ |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>31<br>31 | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash$   | Н            | $\vdash \vdash$ |
|          | 16  | $\vdash$   | ┈            | <del> </del>                                     | -  |  | -  | $\vdash$   |              | $\vdash \vdash$ |
|          | 17  | $\vdash$   | $\vdash$     |  |  |  | <del> </del>                                     |  |              | $\vdash \vdash$ |
|          | 18  |  | ┝            | $\vdash$   |  | -  |  | $\vdash$   | -            | $\dashv$        |
|          | 10  | _  | _            | $\vdash$   | Н  | _  | $\vdash$   |  |              | Н               |
|          | 20  |  | -            | -  |  | -  | -  | -  |              | Н               |
|          | 21  | <u> </u>   | -            | $\vdash$   | -  |  | -  |  | -            | -               |
|          | 22  | _  | ┝            | $\vdash$   | -  | -  |  | ┝  | Н            |                 |
|          | 23  | $\vdash$   | -            | $\vdash$   | -  |  | _  | H  |              | Н               |
|          | 24  | _  | -            | $\vdash$   | $\vdash$   | _  | _  | $\vdash$   | _            | $\dashv$        |
|          | 25  | _  | -            | $\vdash$   | $\vdash$   |  | -  | $\vdash$   |              | Н               |
| -        | 26  |  | $\vdash$     | -  | $\vdash$   | -  | $\vdash$   | $\vdash$   |              | $\dashv$        |
|          | 27  | _  | ┢            | $\vdash$   | $\vdash$   |  | $\vdash$   | <u> </u>   |              | $\dashv$        |
|          | 28  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |  | <del> -</del>                                    | H  |              | $\dashv$        |
|          | 29  | -  |              | $\vdash$   |  | -  |  | H  | -            |                 |
|          | 30  | _  | $\vdash$     | $\vdash$   | $\vdash$   | _  | ┢  | ┢─╴  | -            | $\dashv$        |
|          | 31  | -  | ⊢            | $\vdash$   | $\vdash$   | _  | -  | ┢  |              | $\dashv$        |
|          | 32  | $\vdash$   | -            | $\vdash$   |  | -  | $\vdash$   | $\vdash$   |              | $\vdash \vdash$ |
|          | 33  | _  | $\vdash$     | $\vdash$   | $\vdash$   | —  | ┢  | $\vdash$   | -            | $\dashv$        |
| -        | 33<br>34<br>35  | <del> </del>                                     | $\vdash$     | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$   | Н            | $\vdash$        |
|          | 35  | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$   | _  | $\vdash$   | <del> </del>                                     | $\vdash$     | $\vdash$        |
|          | 36  | $\vdash$   | $\vdash$     | Η-   | $\vdash$   | $\vdash$   | -  | $\vdash$   | ┝            | $\vdash$        |
|          | 37  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$        |
|          | 36<br>37<br>38  | $\vdash$   | $\vdash$     | -  | $\vdash$   | $\vdash$   |  |  | -            | $\vdash$        |
|          | 39  | <del>                                     </del> | <del> </del> | -  | -  | ⊢  | -  | $\vdash$   | Н            | -               |
|          | 40  | <del>                                     </del> | $\vdash$     | <del>                                     </del> |  | $\vdash$   | $\vdash$   | $\vdash$   | Н            | $\vdash$        |
|          | 41  | $\vdash$   | ┢            | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | ┢  |              | $\vdash$        |
|          | 42  | $\vdash$   |              |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$        |
| -        | 43  | _  | <del> </del> | $\vdash$   | <u> </u>   | -  | <del>                                     </del> | ┢╌   | -            | $\vdash$        |
|          | 44  | <del>                                     </del> |              | $\vdash$   |  | <u> </u>   | $\vdash$   | $\vdash$   | $\vdash$     | -               |
| <u> </u> | 45  | $\vdash$   |              | $\vdash$   |  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del> </del> | Н               |
|          | 46  | $\vdash$   | -            | $\vdash$   |  | -  | $\vdash$   | $\vdash$   | 1            | $\vdash \vdash$ |
|          | 47  | -  | a            | Η-   |  | $\vdash$   | $\vdash$   | $\vdash$   |              | $\vdash$        |
|          | 48  | 1  | 1            | $\vdash$   |  | $\vdash$   | $\vdash$   | $\vdash$   | -            | $\vdash$        |
|          | 49  | <del>  `</del>                                   | ١,           | -  | $\vdash$   | -  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash\dashv$  |
| -        | 50  | -  | V            | ┢  | $\vdash$   | $\vdash$   | ┝  | $\vdash$   | -            | $\vdash\vdash$  |
|          | 2   | L  | ٠.           | L  | L_   |  |  |  | L            |                 |

| Claiii   |                                  | 7 7 7 7 7 7 7                                    |                   |  |  |  |  |  |  |  |
|----------|----------------------------------|--|-------------------|--|--|--|--|--|--|--|
| Final    | Original                         | 8/22/06  | 2/14/07           |  |  |  |  |  |  |  |
| _        | 51                               | 7  | Q                 | _  | $\vdash$   | $\vdash$   | ┢  |  |  |  |
| -        | 51<br>52<br>53                   |  | -                 |  |  | $\vdash$   | <del>                                     </del> |  |  | $\vdash$   |
|          | 53                               |  | +                 |  |  | -  | H  |  |  | -  |
| _        | 54                               |  | ╫                 | ┢  | -  | -  | ┢╾   |  | _  | Н  |
|          | 54<br>55                         |  | Н                 |  |  | Н  | <u> </u>   |  |  | Н  |
|          | 56                               |  | Н                 | · -  | -  |  |  |  |  | Н  |
|          | 57                               |  | ╫                 | _  | $\vdash$   | $\vdash$   | H  | $\vdash$   | $\vdash$   | $\vdash$   |
|          | 58                               |  | ╫                 | ╁╴   | -  | $\vdash$   | -  |  | _  | Н  |
|          | 59                               |  | $\vdash$          |  |  | $\vdash$   |  | $\vdash$   |  | Н  |
|          | 60                               |  | H                 | _  |  | $\vdash$   | H  | $\vdash$   | _  |  |
|          | 61                               | -  | +                 | $\vdash$   | Н  | Н  | $\vdash$   | $\vdash$   | _  | Н  |
|          | 62                               | -  | +                 |  | $\vdash$   | -  | $\vdash$   | -  |  |  |
|          | 62<br>63                         | -  | +                 | $\vdash$   |  |  | $\vdash$   | $\vdash$   | -  | $\vdash$   |
|          | 64                               | $\vdash$   | $\vdash$          | $\vdash$   | _  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | Н  |
| $\vdash$ | 65                               |  | $\vdash$          | $\vdash$   | Н  | Н  | $\vdash$   | Н  | $\vdash$   | $\dashv$   |
| $\vdash$ | 65<br>66                         |  | $\vdash$          | $\vdash$   |  |  |  |  | $\vdash$   | Н  |
|          | 67                               |  | +                 | $\vdash$   | $\vdash$   | Н  |  | $\vdash$   | _  | $\vdash$   |
|          | 68                               | $\vdash$   | $\vdash$          | $\vdash$   | ┢  |  | -  | -  | _  |  |
| _        | 68<br>69                         | $\vdash$   | $\vdash$          | $\vdash$   |  |  |  | -  | -  |  |
| <u> </u> | 70                               |  | +                 | $\vdash$   | $\vdash$   |  |  | -  | _  | -  |
|          | 70<br>71                         |  | +                 | $\vdash$   | $\vdash$   |  |  | _  | -  |  |
| <u></u>  | 72                               |  | ╫                 | $\vdash$   |  |  | <u> </u>   |  | $\vdash$   |  |
|          | 73                               |  | +                 | $\vdash$   |  | $\vdash$   |  |  |  |  |
| <u> </u> | 74                               |  | +                 | $\vdash$   |  | $\vdash$   | -  |  | $\vdash$   |  |
| -        | 75                               | $\vdash$   | Н                 |  | -  | $\vdash$   | $\vdash$   |  | -  |  |
| $\vdash$ | 76                               | Н  | Н                 |  | -  | -  | -  | _  |  | -  |
| $\vdash$ | 72<br>73<br>74<br>75<br>76<br>77 | $\vdash$   | +                 | -  | -  | -  | $\vdash$   | _  |  |  |
| $\vdash$ | 78                               | $\vdash$   | $\vdash$          |  |  | $\vdash$   | $\vdash$   |  | _  |  |
| $\vdash$ | 79                               |  | $\vdash$          | -  | $\vdash$   | $\vdash$   | -  | -  |  | Н  |
|          | 80                               | $\vdash$   | +                 | $\vdash$   | Н  | $\vdash$   | _  | _  | _  |  |
| -        | 81                               | -  | H                 | $\vdash$   |  | Н  | $\vdash$   | $\vdash$   |  | Н  |
| $\vdash$ | 81<br>82<br>83                   | _  | $\vdash$          | $\vdash$   | <u> </u>   | -  | ┢  | $\vdash$   |  | Н  |
|          | 83                               |  | H                 | ┢╌   | <u> </u>   | H  | H  | _  | -  | -  |
|          | 84                               |  | +                 | -  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | Н  |
| <b>—</b> | 84<br>85                         |  | $\dashv$          | <del>                                     </del> | $\vdash$   | $\vdash$   | ┢  | $\vdash$   |  | Н  |
| <b></b>  | 86                               |  | $\dashv$          | _  | <del> </del>                                     |  | $\vdash$   | $\vdash$   | _  | Н  |
| <u> </u> | 87                               | $\vdash$   | $\vdash \vdash$   | -  | $\vdash$   |  |  | -  |  | Н  |
| -        | 87<br>88                         |  |                   | $\vdash$   | <del>                                     </del> | <u> </u>   | $\vdash$   | _  | $\vdash$   | Н  |
| $\vdash$ | 89                               | -  | $\vdash$          | _  | $\vdash$   | Н  | $\vdash$   | $\vdash$   | -  | Н  |
| <b> </b> | 90                               |  | $\vdash \uparrow$ | <del>                                     </del> | $\vdash$   | ┢┈   | -  | $\vdash$   | $\vdash$   | Н  |
|          | 91                               | $\vdash$   | H                 | $\vdash$   | $\vdash$   | <del>                                     </del> | _  | <del>                                     </del> | _  | <del>                                     </del> |
|          | 92                               |  | $\vdash \uparrow$ | $\vdash$   | _  | $\vdash$   | Н  | $\vdash$   | $\vdash$   | $\vdash$   |
|          | 93                               |  | H                 |  | $\vdash$   | $\vdash$   |  |  | $\vdash$   |  |
|          | 94                               |  | $\forall$         | T  | T  | l  | <u> </u>   |  | m  |  |
|          | 95                               |  | H.                | <del> </del>                                     | -  | $\vdash$   | $\vdash$   |  | -  | $\vdash$   |
|          | 96                               | 1  | ď                 | _  |  |  | $\vdash$   | $\vdash$   | _  | _  |
|          | 97                               | Ė  | ┢                 | $\vdash$   | $\vdash$   | _  | $\vdash$   | $\vdash$   | -  | $\vdash$   |
|          | 98                               |  | Ι-                | _  |  |  | $\vdash$   | <del>                                     </del> | <del>                                     </del> |  |
|          | 99                               | $\vdash$   | $\vdash$          | <del>                                     </del> | <u> </u>   |  | _  | 1  | _  |  |
|          | 100                              | <del>                                     </del> | _                 | <u> </u>   | _  |  |  |  |  | $\vdash$   |
|          |                                  | Ц  |                   | Ь.   |  |  |  | Щ.   |  |  |

| Cli         | aim                             |          |          |              |              | Date     | ===      |                |          |          |  |  |
|-------------|---------------------------------|----------|----------|--------------|--------------|----------|----------|----------------|----------|----------|--|--|
|             |                                 |          |          |              |              |          |          |                |          |          |  |  |
| Final       | Original                        |          |          |              |              |          |          |                |          |          |  |  |
|             | 101                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 102<br>103                      |          |          |              |              |          |          |                |          |          |  |  |
|             | 103                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 104<br>105                      |          |          |              |              |          |          |                | Ш        |          |  |  |
|             | 105                             |          | _        | _            |              |          |          |                | Н        |          |  |  |
|             | 100                             |          |          |              |              |          |          | -              |          |          |  |  |
|             | 107<br>108                      | -        | -        |              | _            | _        | -        | $\vdash$       | $\vdash$ | $\dashv$ |  |  |
|             | 109                             |          |          |              | _            | _        | _        |                |          | $\neg$   |  |  |
|             | 110<br>111<br>112               |          |          |              |              |          |          |                |          |          |  |  |
|             | 111                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 112                             |          |          |              | _            |          |          |                |          |          |  |  |
|             | 113<br>114<br>115               |          |          |              |              | L.       |          |                |          |          |  |  |
|             | 114                             |          |          |              | _            | _        |          |                |          |          |  |  |
|             | 116                             | -        |          | Н            | H            |          | -        |                | -        |          |  |  |
|             | 116<br>117                      |          | _        | $\vdash$     | -            | _        |          | _              | $\vdash$ | $\vdash$ |  |  |
|             | 118                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 119                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 120                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 121                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 121<br>122<br>123               | _        |          | _            |              |          |          |                |          |          |  |  |
|             | 123                             |          |          | _            | _            | _        |          | $\vdash$       | _        | -        |  |  |
|             | 124                             |          | -        | ├            |              |          |          | <u> </u>       | H        | -        |  |  |
|             | 124<br>125<br>126<br>127<br>128 | -        | _        | ┢            | _            | -        | $\vdash$ | $\vdash$       | $\vdash$ | $\dashv$ |  |  |
|             | 127                             |          |          | -            | _            |          |          | _              |          |          |  |  |
|             | 128                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 129<br>130                      |          |          |              |              |          |          |                |          |          |  |  |
|             | 130                             |          | _        | _            |              | Ш        |          | L_             |          | Ш        |  |  |
|             | 131                             | _        | _        | <u> </u>     |              |          | _        | <u> </u>       | _        | Н        |  |  |
|             | 132<br>133                      | _        | _        | <u> </u>     | Ь.           | -        | ├        | <u> </u>       |          | $\vdash$ |  |  |
|             | 134                             |          | Η.       |              | -            | ┝        | ├        | ├              | -        | -        |  |  |
| <del></del> | 135                             | _        | H        | -            | -            | -        | $\vdash$ | ┢─             | -        | Н        |  |  |
|             | 136                             |          | $\vdash$ | _            | $\vdash$     | Г        | $\vdash$ | Г              |          | H        |  |  |
|             | 137                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 138                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 139                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 140                             | _        | <u> </u> | <del> </del> | <u> </u>     | _        | <u> </u> | <del> </del> _ | <u> </u> | $\vdash$ |  |  |
|             | 141<br>142                      | ├-       | $\vdash$ | -            | $\vdash$     |          | <u> </u> | $\vdash$       | -        | $\vdash$ |  |  |
|             | 143                             | -        | $\vdash$ | $\vdash$     | -            | $\vdash$ | ┝        | $\vdash$       | -        | Н        |  |  |
|             | 144                             |          | -        | $\vdash$     | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$       | $\vdash$ | $\vdash$ |  |  |
|             | 145                             | Н        | $\vdash$ | 1            | $\vdash$     |          |          |                |          | H        |  |  |
|             | 146                             |          |          |              |              |          |          | Ι.             | _        |          |  |  |
|             | 147                             |          |          |              |              |          |          |                |          |          |  |  |
|             | 148                             |          |          |              |              |          |          |                |          |          |  |  |
| <u> </u>    | 149                             | <u> </u> | L        | lacksquare   | <u> </u>     | ldash    | <u> </u> | <u></u>        | <u> </u> |          |  |  |
| <u> </u>    | 150                             | L        | l        |              | <u></u>      | L        | L_       | <u></u>        |          |          |  |  |